

ATTORNEY DOCKET NO. T9046.A

DECLARATION AND PETITION

We, Graeme B. BOLGER, Miles D. HOUSLAY, Michael R. STEELE, and Stephen J. YARWOOD, declare: that we are citizens of Canada, Great Britain, the United States of America, and Great Britain, respectively; that our residences and post office addresses are 1397 East Arlington Drive, Salt Lake City, Utah 84103; Pharmacology Group, Division of Biochemistry & Molecular Biology, Davidson & Wolfson Buildings, University of Glasgow, University Avenue, Glasgow, G12 8QQ, Scotland, United Kingdom; 1258 Harrison Avenue, Salt Lake City, Utah 84105; and Ontario Cancer Institute, Research Department, 8th Floor, Room 208, 610 University Avenue, Toronto, Ontario, Canada, respectively; that we verily believe we are the original, first, and joint inventors of the subject matter of the invention or discovery entitled INTERACTION OF THE CYCLIC-AMP-SPECIFIC PHOSPHODIESTERASE PDE4D5 WITH RACK1, for which a patent is sought and which is described and claimed in the specification filed on November 16, 2001; and granted Serial No. 09/979,588 (we hereby authorize the attorneys of Clayton, Howarth & Cannon, P.C., to insert said serial number when known), which is an application filed under 35 U.S.C. §371 of International Application No. PCT/US00/13961, having an International Filing Date of May 20, 2000, which claims the benefit of U.S. Serial No. 60/135,035, filed May 20, 1999; that we have reviewed and understand the contents of the above-identified specification,

including the claims; and that we acknowledge the duty to disclose information that is material to the examination of this application in accordance with Section 1.56(a) of Title 37 of the Code of Federal Regulations.

We declare further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon.

Wherefore, we pray that Letters Patent be granted to us for the invention or discovery described and claimed in the foregoing specification and claims, declaration, power of attorney, and this petition.

Signed at Birmingham, AL, USA, this
(City) (State/Country)
15 day of March, 2002
2001.

INVENTOR:

Graeme B. Bolger MD
Graeme B. BOLGER

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Sign d at GLASGOW, SCOTLAND, UK, this
(City) (State/Country)

20th day of MARCH, 2002

INVENTOR:

Miles D. HOUSLAY
Miles D. HOUSLAY

Signed at Salt Lake City, Utah, this
(City) (State/Country)
15th day of March, 2002

INVENTOR:

Michael R. Steele
Michael R. STEELE

Signed at GLASGOW, UNITED KINGDOM, this
(City) (Stat /Country)
20 day of MARCH, 2002.

INVENTOR:

Stephen J. YARWOOD 20/13/02
Stephen J. YARWOOD

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FORM PTO-1595

(Rev. 8-03)

OMD No. 0651-0011 (exp. 4/04)

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RECORDATION FORM COVER SHEET
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Miles D. Houslay

Stephen J. Yarwood

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: March 20, 2002

2. Name and address of receiving party(ies)

Name: University of GlasgowInternal Address: University AvenueDivision of Biochemistry and Molecular Biology
Davidson Bldg.Glasgow, Scotland G12 8QQAdditional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/979,588

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Alan J. HowarthInternal Address: CLAYTON, HOWARTH &CANNON, P.C.Street Address: P.O. Box 1909City: Sandy State: Utah ZIP: 84091-19096. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account8. Deposit account number: 50-1977

(Attach duplicate copy of this page if paying by deposit account)

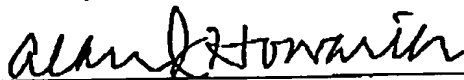
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Alan J. Howarth

Name of Person Signing



Signature

March 29, 2002

Date

Total number of pages including cover sheet, attachments, and document: 4Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments

ATTORNEY DOCKET NO. T9046.A

A S S I G N M E N T

WHEREAS, we Miles D. HOUSLAY and Stephen J. YARWOOD, residents of Great Britain and Canada, respectively, have co-invented a method entitled INTERACTION OF THE CYCLIC-AMP-SPECIFIC PHOSPHODIESTERASE PDE4D5 WITH RACK1, hereinafter called the "invention," preferred embodiments of which are disclosed in a United States patent application that was filed on November 16, 2001, and received Serial Number 09/979,588, which is an application filed under 35 U.S.C. §371 of International Application No. PCT/US00/13961, having an International Filing Date of May 20, 2000, which claims the benefit of U.S. Serial No. 60/135,035, filed May 20, 1999.

WHEREAS, the University of Glasgow, a university of higher education, located at University Avenue, Division of Biochemistry and Molecular Biology, Davidson Bldg., Glasgow, Scotland G12 8QQ, is desirous of acquiring our non-exclusive right, title and interest in the same;

NOW THEREFORE, in consideration of one dollar (\$1.00), the receipt and sufficiency whereof is hereby acknowledged, and other good and valuable consideration, we, the said Miles D. HOUSLAY and Stephen J. YARWOOD, by these presents do sell, assign and transfer unto said University of Glasgow, our non-exclusive right to the

WHEN RECORDED RETURN TO:

Alan J. Howarth T9046.A
Clayton, Howarth & Cannon, P.C.
P.O. Box 1909
Sandy, Utah 84091

said invention and to said application and in any and all divisions and continuations, substitutes and reissues of said application and our non-exclusive right, title and interest in, to and under any and all Letters Patent of the United States and foreign countries that may issue or be granted on said invention.

The Commissioner of Patents is hereby authorized and requested to issue said Letters Patent to said University of Glasgow, as the assignee of our non-exclusive right, title, and interest in and to the same, for its sole use and behoof; and for the use and behoof of its legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

Executed this 2~~th~~ day of MARCH, 2002, at

GLASGOW, SCOTLAND, UK.
(City, State/Country)


Miles D. HOUSLAY

Executed this 20 day of MARCH, 2002, at

GLASGOW, SCOTLAND, UK.
(City, State/Country)


Stephen J. YARWOOD

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